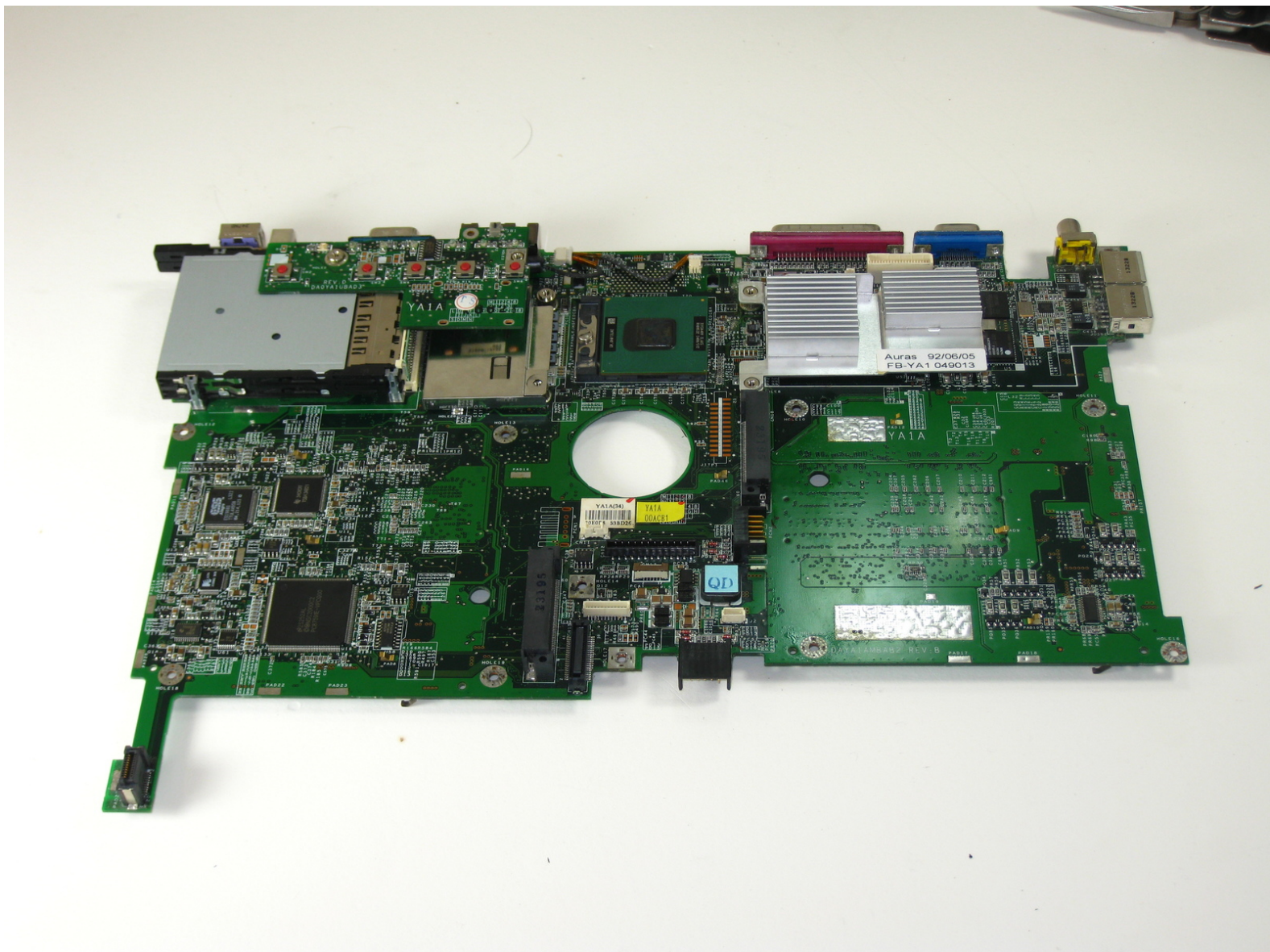




# Gateway 600YG2 System Board Replacement

Removal of the system board

Written By: Elizabeth Mazer



# INTRODUCTION

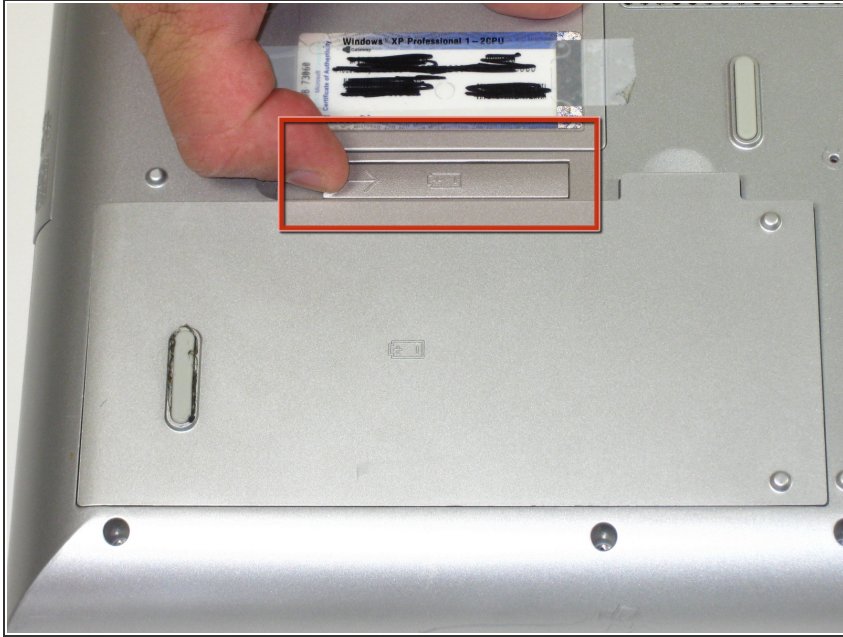
removal of the system board

---

## TOOLS:

- [5mm Nut Driver](#) (1)
  - [Phillips #0 Screwdriver](#) (1)
  - [Spudger](#) (1)
-

## Step 1 — Battery



- Flip the laptop over. Slide the battery release tab to the right.

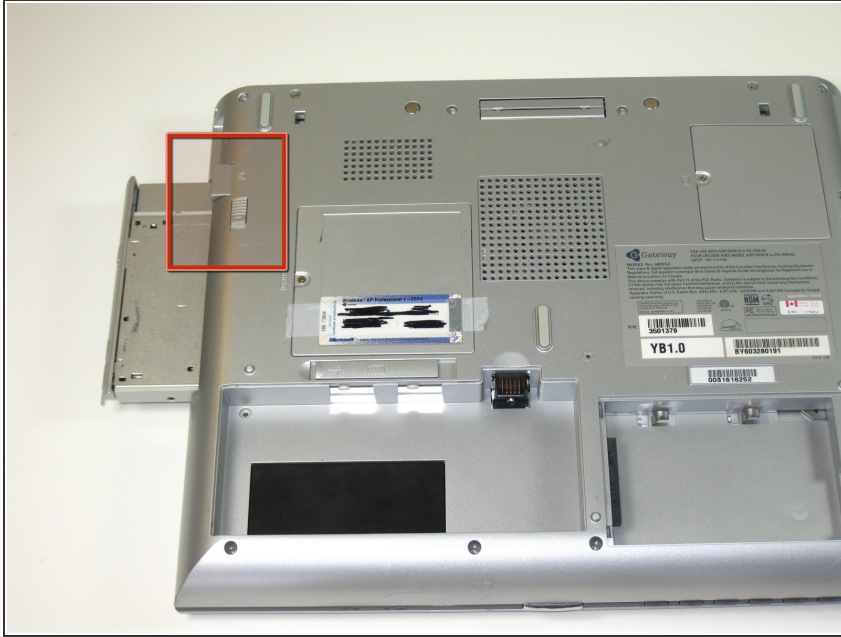
## Step 2



- Lift the battery out.



### Step 3 — CD/DVD or Floppy drives



- Slide release and push button to eject drive
- Pull drive out.
- ⚠ When reinserting drives be sure to insert back into original slot in order to avoid interface conflicts.

### Step 4 — Hard Drive



- Unscrew 1 captive screw holding hard drive cover on.
- slide hard drive to the right and remove.
- for detailed pictures and info go to [Gateway Support](#)



## Step 5 — Power button panel



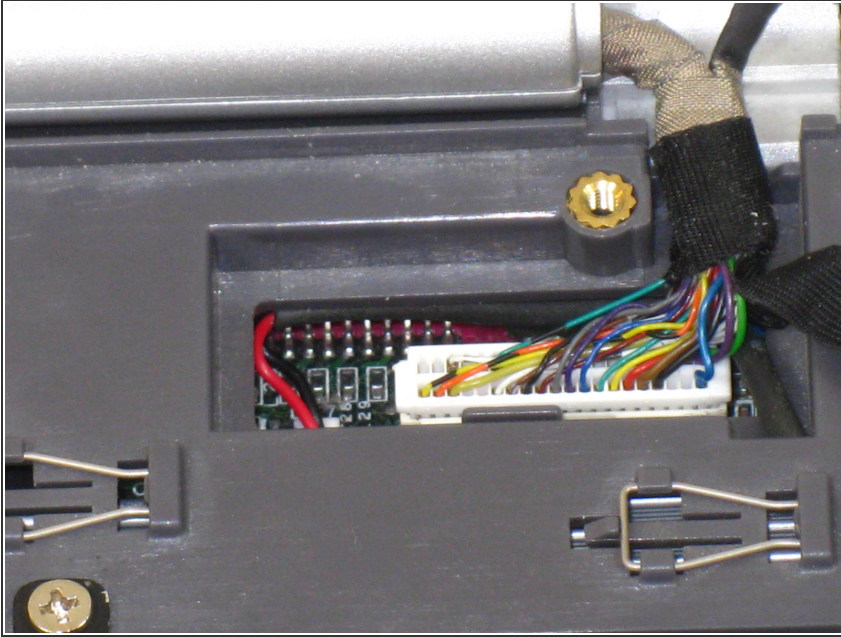
- Insert spudger between sysrq and ins keys.
- Gently lift power button panel from the right to left.

## Step 6 — LCD Display



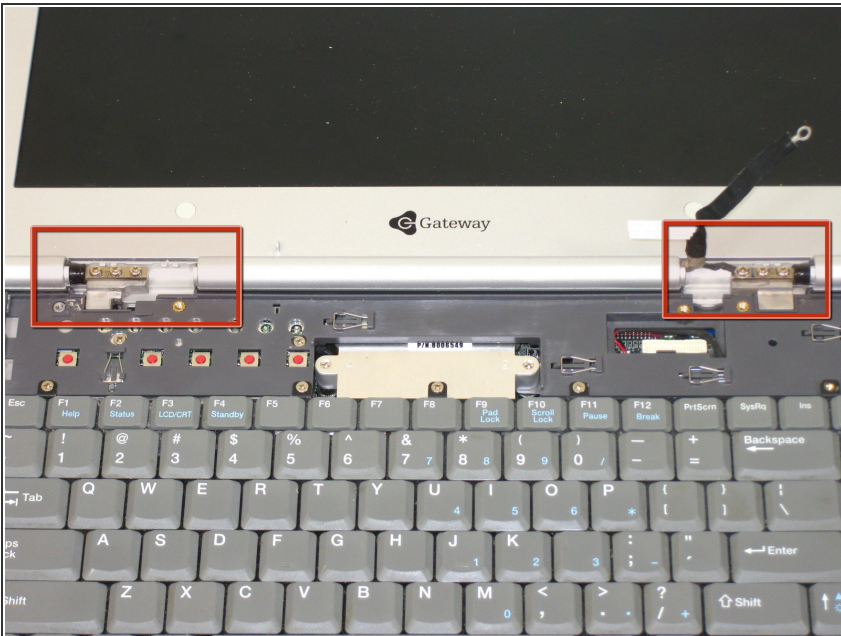
- Remove 5 screws.
- ⓘ 4 screws holding LCD hinge covers in place and 1 screw for LCD grounding.
- Remove hinge covers.

## Step 7



- Gently unplug LCD from system board.

## Step 8



- Remove 6 screws holding LCD to hinge.

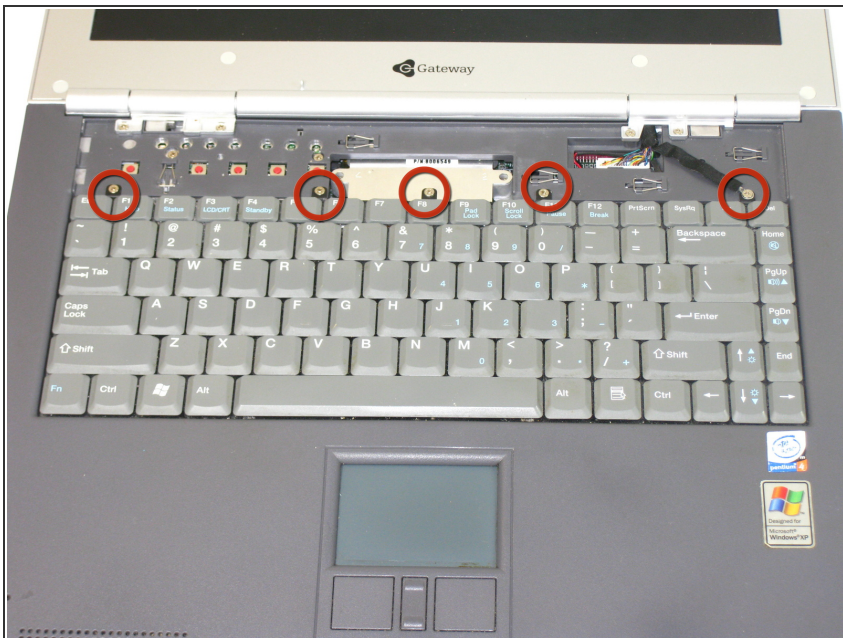


## Step 9



- Pull LCD away from case.

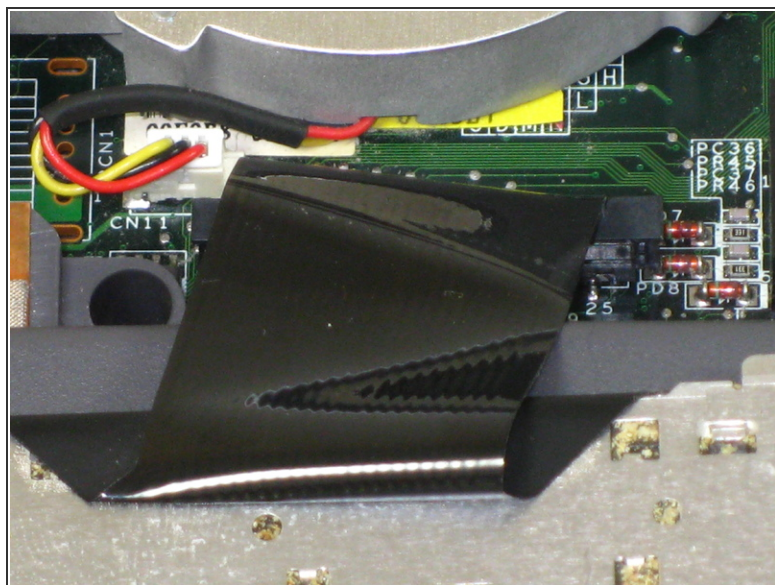
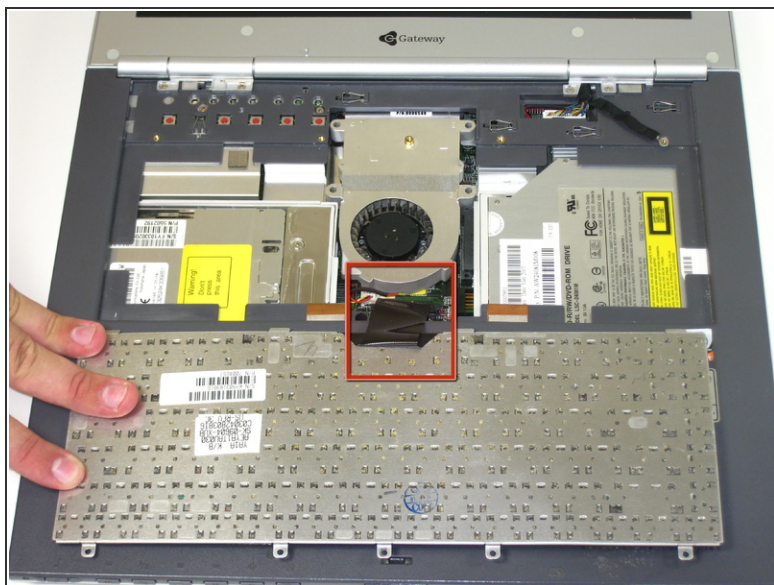
## Step 10 — Keyboard



- Remove the 5 screws holding the keyboard in place.

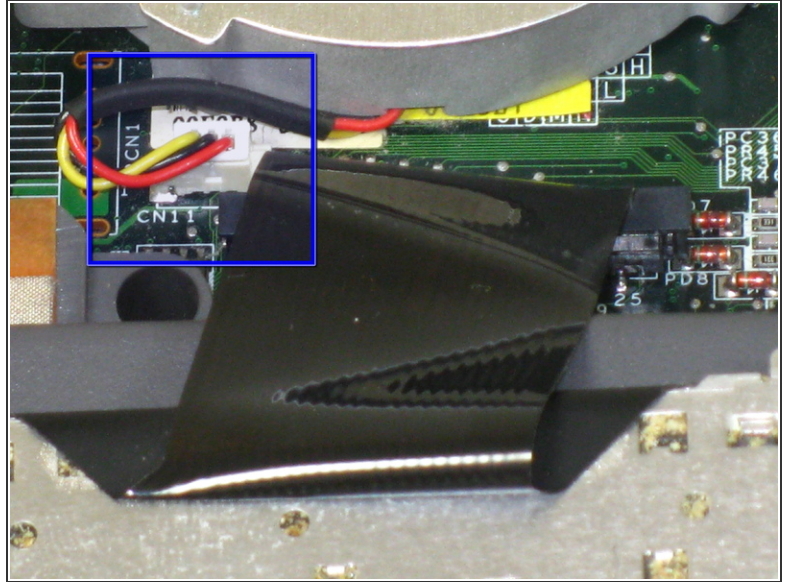
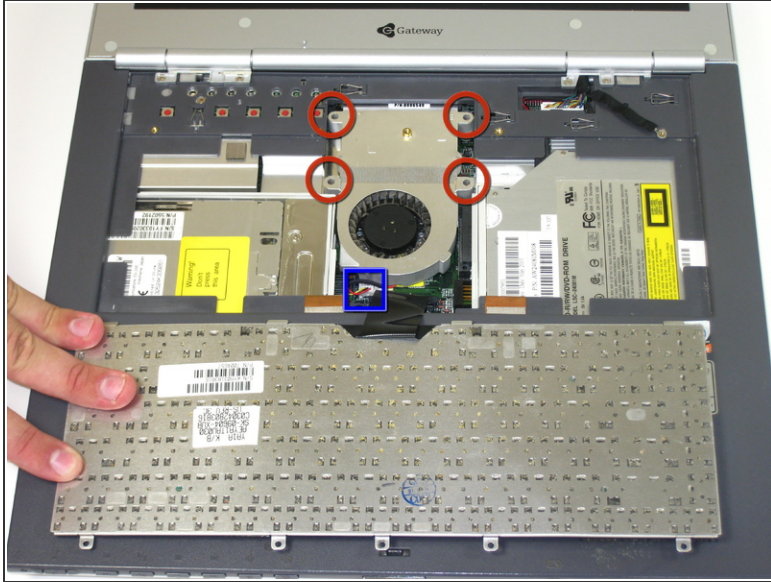


## Step 11



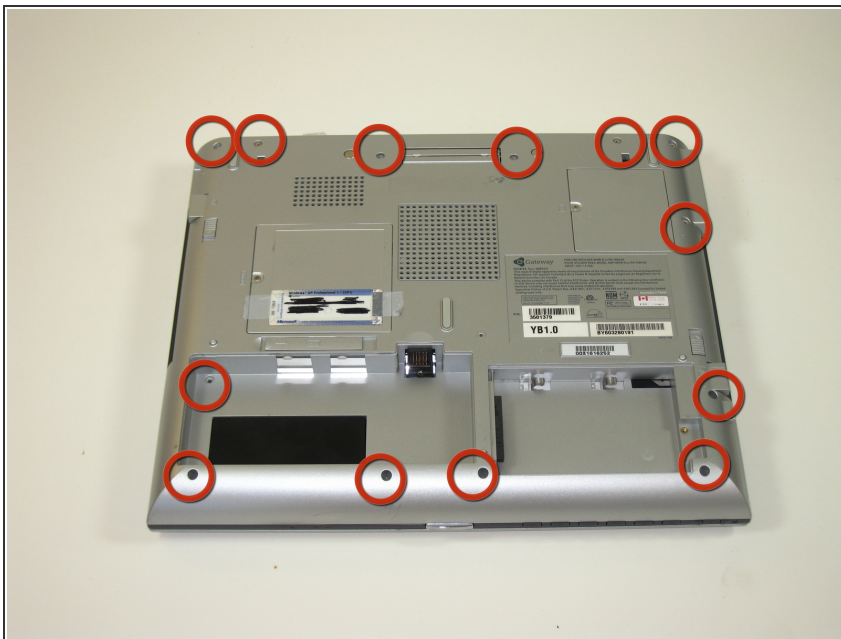
- ⚠ CAUTION: When lifting the keyboard out, do not lift keyboard up. Only fold back along the space bar edge.
- ⚠ DO NOT PULL the black cable by the ribbon section; only pull it by the connector itself.
- Follow the black ribbon cable to the connector and gently pull straight up.

## Step 12 — System Fan



- Unscrew the 4 captive screws.
- Unplug fan from the system and pull it out. The fan unit should slide forward before coming free.

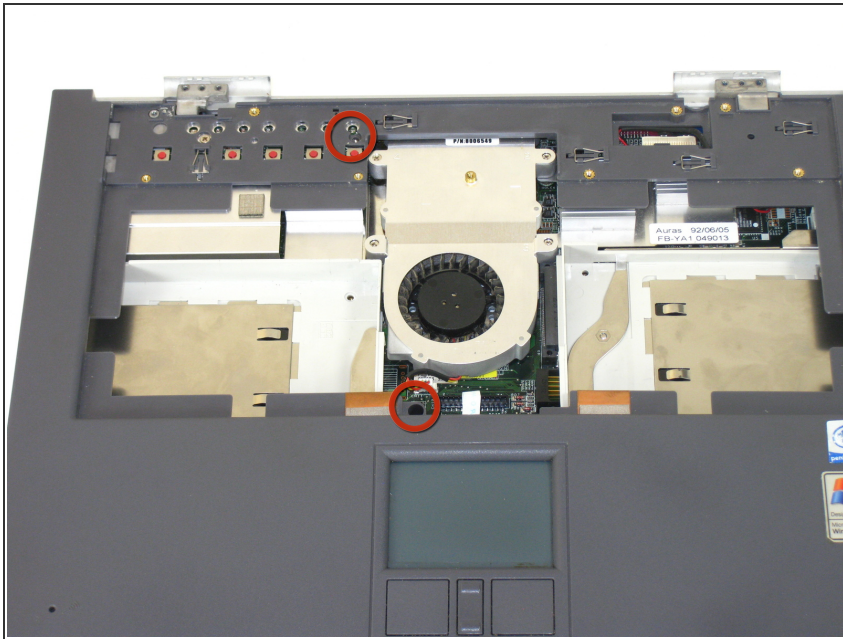
## Step 13 — Top Case



- Remove 13 screws from bottom of computer



## Step 14



- Remove screws

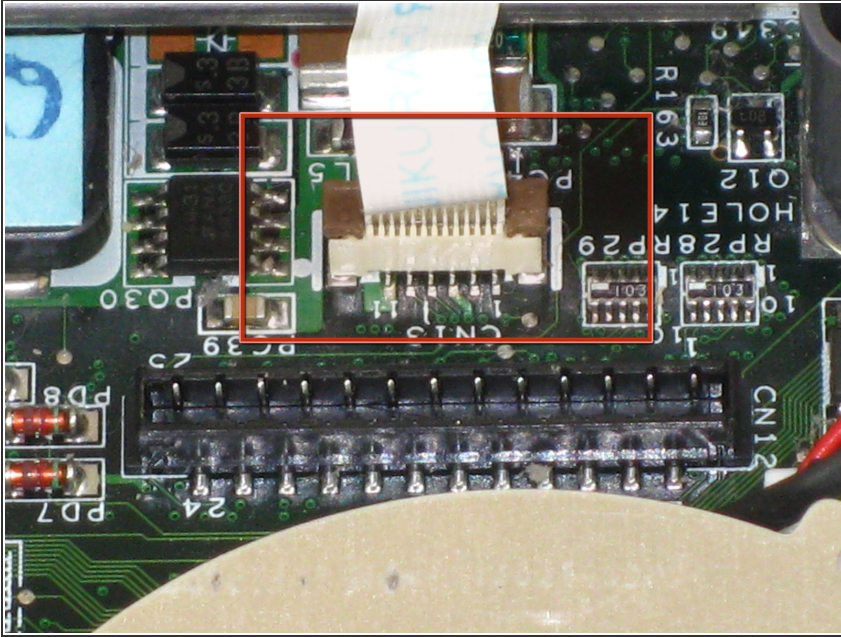
## Step 15



- remove 4 screws from back of case



## Step 16



**⚠ WARNING** Failure to do this step will damage mouse pad ribbon.

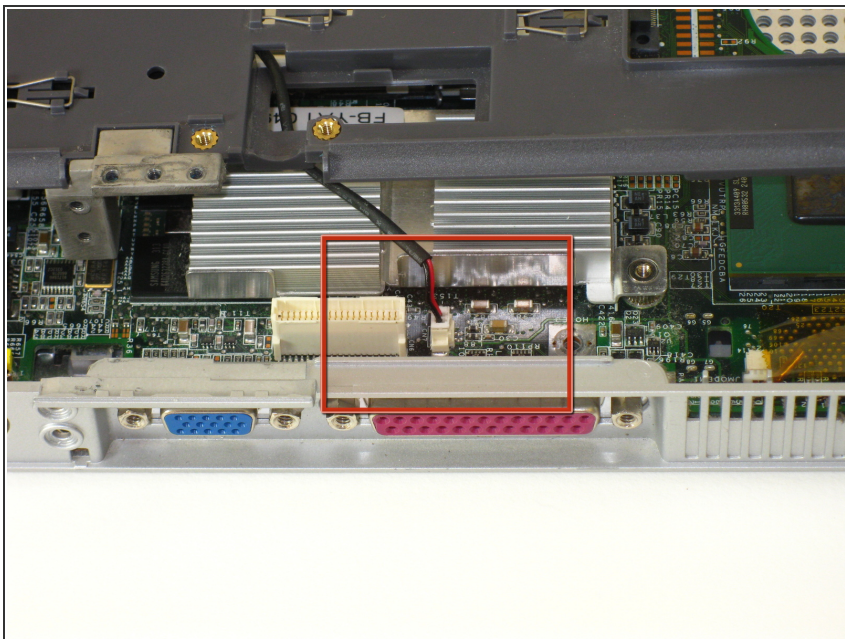
- Lift plug holding mouse ribbon about 1/16 inch or until it stops
- remove ribbon

## Step 17



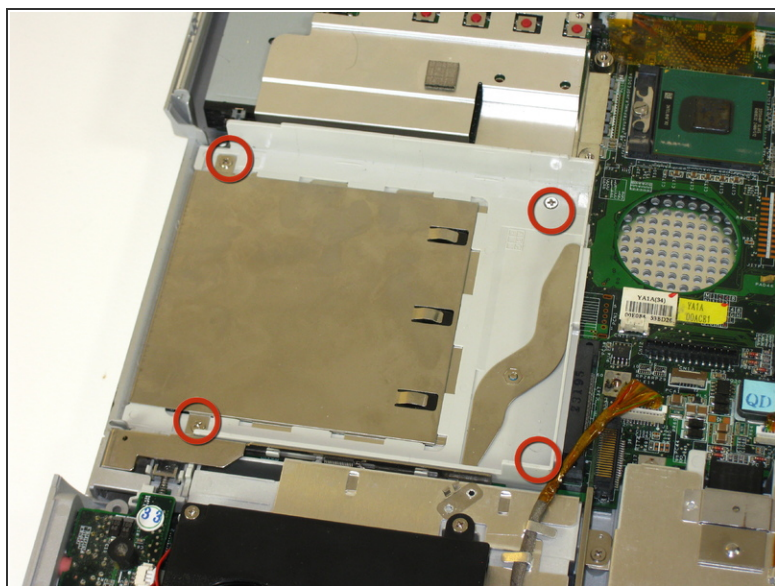
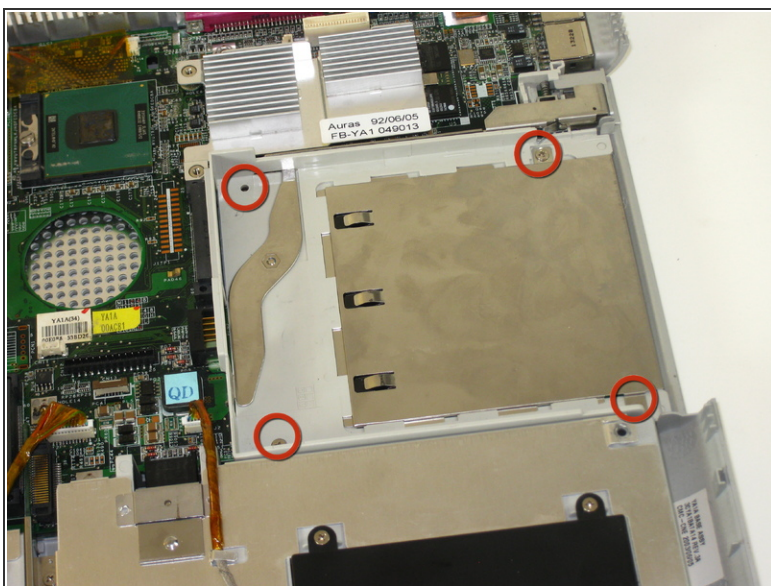
- Insert spudger between upper and lower case at drive bay closest to battery.
- Carefully and slowly go around entire case unseating all plastic clips holding upper to lower.

## Step 18



- Lift upper case free about 1/4 inch
- At rear of case is one last connecting wire. Unplug and remove upper case

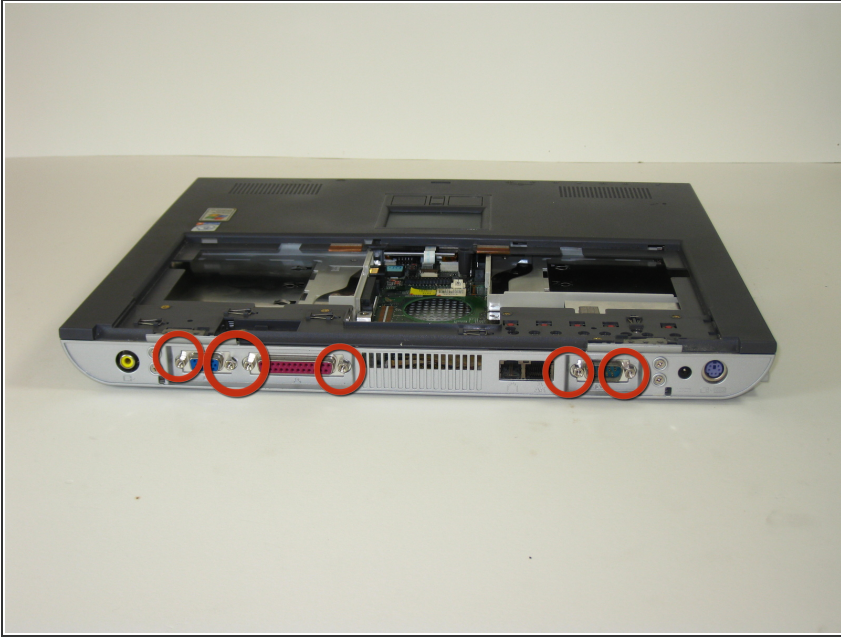
## Step 19 — System Board



- Remove 8 screws from drive bays.

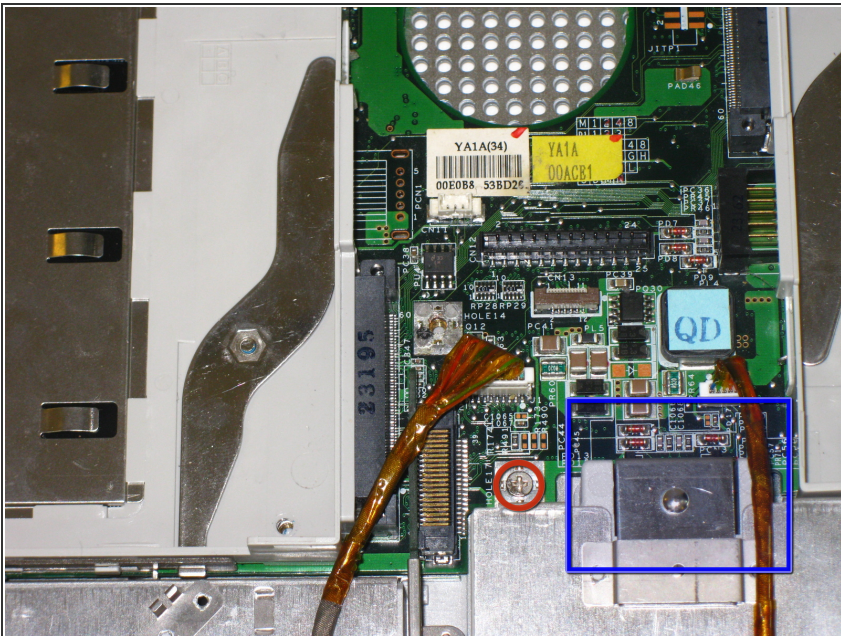


## Step 20



- Remove 6 5mm hex nuts from back of laptop.

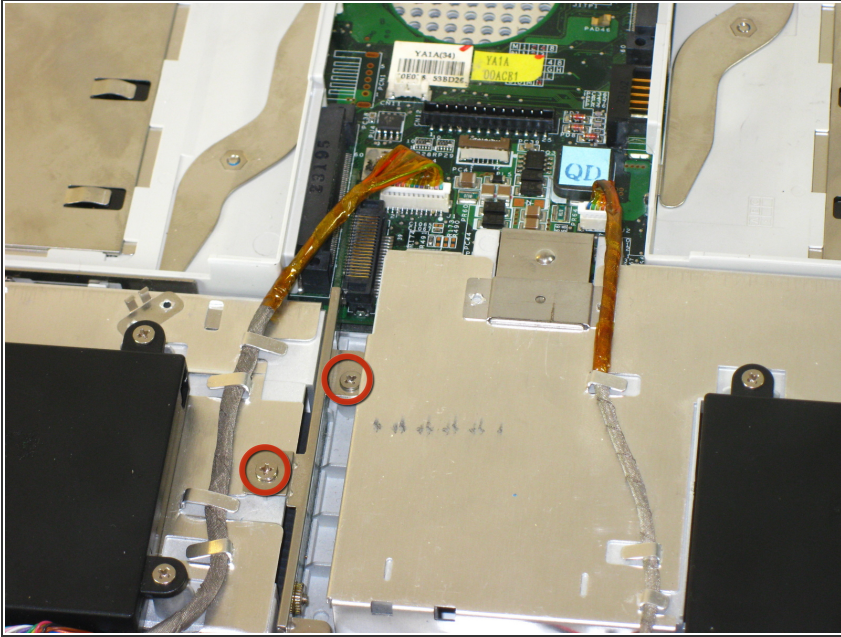
## Step 21



- Remove screw
- Slide metal clip into battery bay

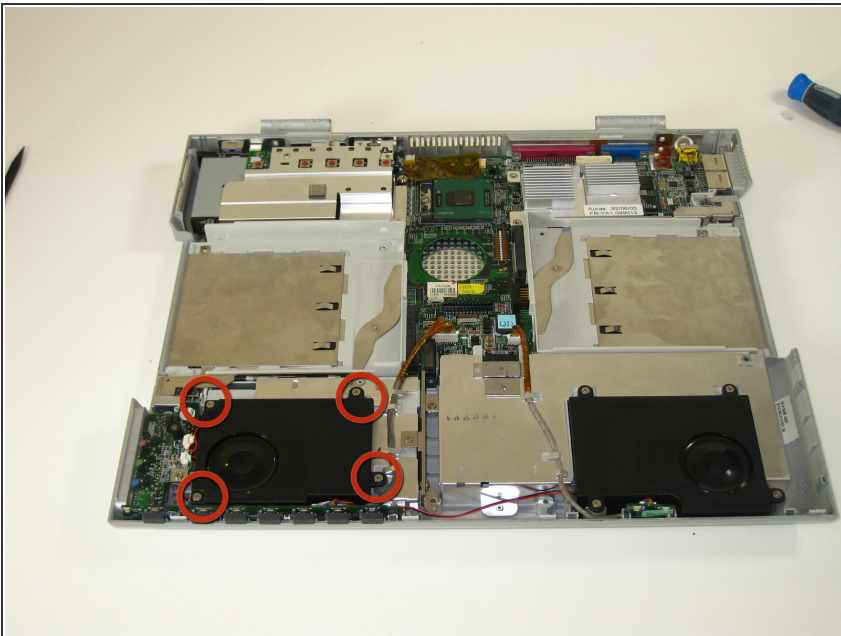


## Step 22



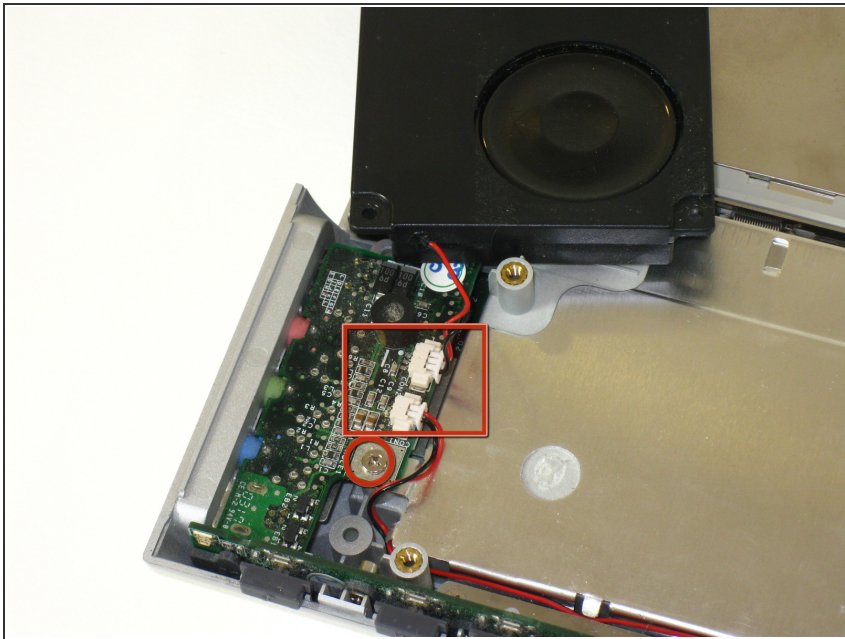
- Remove two screws.
- Hard drive extension should lift out from system board.

## Step 23



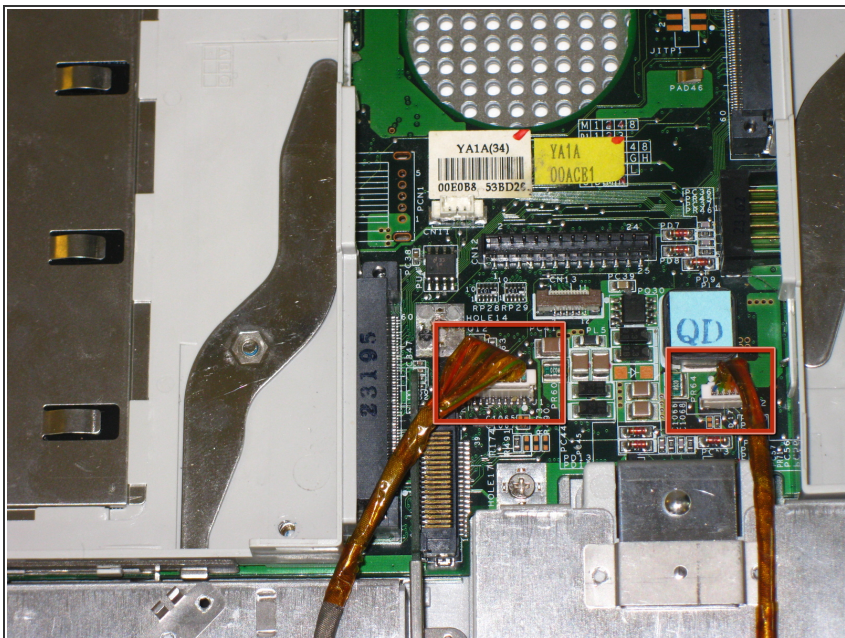
- Remove 4 screws holding left speaker for ease of access to connectors and external sound board.

## Step 24



- Remove screw and unplug speakers from external sound board.
- Lift external soundboard away from system board and remove.

## Step 25



- Unplug audio DJ
- Unplug System status light board
- Starting on the right side of case gently lift and slide system board till it comes free of lower case.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-19 08:23:49 AM.